USOE Suggested Grade 5 Pacing Guide

Standard Biggest Idea		Objective Big Idea	1 (weeks 1-3)	2 (weeks 4-6)	3 (weeks 7-9)	4 (weeks 10-12)	5 (weeks 13-15)	6 (weeks 16-18)
Standard 1 **Number Sense**	1	Represent	Read, write, represent & locate whole numbers	*Expanded form using whole numbers*	Read, write, represent & locate decimals	Expanded Form including decimals	Read, write, represent & locate integers	
	2	Relationships	*Order whole numbers*		Order & Compare decimals		Order & Compare Integers	
	3	Number Theory		Factors, Prime, Composite, Neither		Prime Factorization		Divisibility Rules
	4	Model	Multiplication of whole #'s 10's, 100"s & 1000's			Multiplication of decimals		Division of whole & Decimals #'s 10's, 100"s & 1000's
	5	Problem Solving	Estimation Strategies	Estimate Products	Estimate Decimal Sums & Differences	Estimate decimal product	Write and Solve one-step equations	
	6	Computation		Multiply Whole Numbers (x . *)	Add & Subtract Decimals			Division
Standard 2 **Algebra**	1	Pattern Rules	Identify & Analyze pattern with whole numbers Determine rules for extending patterns		Identify & Analyze pattern with decimals Determine rules for extending patterns			
	2	Expressions/ Inequalities & Equations	Expressions	Associative, Distributive, Commutative Properties Order of Operations		Inequalities & Equations		
Standard 3 **Geometry**	1	Geometric Shapes	Geometric Attributes	Quadrilaterals Triangles				
	2	Coordinate Planes					Coordinate Plane	
Standard 4 **Measurement**	1	Area		Quadrilaterals, Triangles, Irregular Polygons		Compare units of measure of polygons		
	2	Surface Area & Volume						
Standard 5 **Data Analysis/ Probability**	1	Data	Intro. Analyze & Display Data	Categorical	Numerical Min, Max, Range	Mode & Median	Construct Reasonable Conclusion	Mean
	2	Probability						

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Standard Biggest Idea		Objective Big Idea	7 (weeks 19-21)	8 (weeks 22-24)	9 (weeks 25-27)	10 (weeks 28-30)	11 (weeks 31-33)	12 (weeks 34-36)
Standard 1 **Number Sense**	1	Represent	Read, write, represent & locate fractions			Read, write, represent & locate mixed numbers	Read, write, represent & locate percents	Review concepts for mastery and differentiation. Enrich using exploratory skills and concepts.
	2	Relationships		Order & Compare Fractions		Order & Compare Mixed Numbers		
	3	Number Theory	Skip Counting & Multiples					
	4	Model	Interpret division with remainders	Equivalent Forms			Multiplication of Fractions	
	5	Problem Solving	Write and Solve two-step equations		Estimate fraction sums & differences		Estimate Fraction Products	
	6	Computation			Add & Subtract Fractions w/like denominators	Add & Subtract Fractions w/ unlike denom.	Multiplication of fractions	
Standard 2 Algebra	1	Pattern Rules		Identify & Analyze pattern with fractions Determine rules for extending patterns				
	2	Expressions/ Inequalities & Equations	Two-Step Equations					
Standard 3 Geometry	1	Geometric Shapes	Solids including nets					
	2	Coordinate Planes						
Standard 4 Measurement	1	Area						
	2	Surface Area & Volume	Solids					
Standard 5 Data Analysis/ Probability	1	Data						
	2	Probability		Probability notations	Likelihood Values between 0 and 1			

This guide is **not** meant to replace the Core. The intent of the guide is to provide a suggested pacing sequence. Major topics are listed within the guide; however, the Utah State Core Curriculum should be referred to while planning instruction.
Instruction begins within the blocked timeframe and is assumed to be extended throughout the remainder of the school year.
Italicized words are review from previous year's core.